

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/050456

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A61K38/21 A61K31/7056 A61P31/14

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, MEDLINE, EMBASE, BIOSIS, SCISEARCH, CHEM ABS Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,X	DATABASE SCISEARCH 'Online! CINATL J (REPRINT) ET AL: "Treatment of SARS with human interferons" XP002252699 retrieved from STN Database accession no. 2003:635462 abstract	1-13
P,X	& LANCET, (26 JUL 2003) VOL. 362, NO. 9380, PP. 293-294. PUBLISHER: LANCET LTD, 84 THEOBALDS RD, LONDON WC1X 8RR, ENGLAND. ISSN: 0140-6736., 26 July 2003 (2003-07-26), Univ Frankfurt, Sch Med, Inst Med Virol, Paul Ehrlich Str 40, D-60596 Frankfurt, Germany (Reprint); Univ Frankfurt, Sch Med, Inst Med Virol, D-60596 Frankfurt, Germany ----- -/--	1-13

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

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\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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\*G\* document member of the same patent family

Date of the actual completion of the international search

5 August 2004

Date of mailing of the international search report

16/08/2004

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International Application No  
PCT/EP2004/050456

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,Y	WO 03/031587 A (CARSON DENNIS A ;COTTAM HOWARD B (US); LEONI LORENZO M (US); UNIV) 17 April 2003 (2003-04-17) page 14; claims 1-16	1-13
Y	HIGGINS P G ET AL: "INTRA NASAL INTERFERON AS PROTECTION AGAINST EXPERIMENTAL RESPIRATORY CORONAVIRUS INFECTION IN VOLUNTEERS" ANTIMICROBIAL AGENTS AND CHEMOTHERAPY, vol. 24, no. 5, 1983, pages 713-715, XP009016436 ISSN: 0066-4804 page 713, column 2 page 715, column 1 - column 2	1-13
Y	DATABASE SCISEARCH 'Online! TRUYEN U (REPRINT) ET AL: "Antiviral potency of interferon-omega (IFN-omega) against selected canine and feline viruses" XP002252700 retrieved from STN Database accession no. 2002:896651 abstract & PRAKTISCHE TIERARZT, (1 OCT 2002) VOL. 83, NO. 10, PP. 862-+. PUBLISHER: SCHLUTERSCHE VERLAG DRUCKEREI, GEORGSWALL 4, W-3000 HANOVER 1, GERMANY. ISSN: 0032-681X., 1 October 2002 (2002-10-01), Univ Munich, Inst Med Mikrobiol Infekt Seuchenmed, Munich, Germany;Virbac Tierarzneimittel GmbH, Wissenschaftliche Abt, Bad Oldesloe, Germany	1-13
Y	EP 1 213 029 A (SCHERING CORP) 12 June 2002 (2002-06-12) page 3, line 43 - line 56 page 5, line 42 - line 52 page 17, line 54 - page 19, line 12; claims 1-11	1-13
Y	DATABASE BIOSIS 'Online! BIOSCIENCES INFORMATION SERVICE, PHILADELPHIA, PA, US; December 2000 (2000-12), HABERSETZER FRANCOIS ET AL: "A pilot study of recombinant interferon beta-1a for the treatment of chronic hepatitis C." XP002252701 Database accession no. PREV200100181684 abstract -/--	1-13

# INTERNATIONAL SEARCH REPORT

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PCT/EP2004/050456

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	<p>&amp; LIVER, vol. 20, no. 6, December 2000 (2000-12), pages 437-441, ISSN: 0106-9543</p> <p>-----</p> <p>DATABASE WPI Section Ch, Week 200315 Derwent Publications Ltd., London, GB; Class B04, AN 2003-150867 XP002252702 &amp; JP 2002 220343 A (TORAY IND INC) 9 August 2002 (2002-08-09) abstract</p> <p>-----</p>	1-13

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/050456

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 03031587 A	17-04-2003	WO 03031587 A2 US 2003143199 A1	17-04-2003 31-07-2003
EP 1213029 A	12-06-2002	EP 1213029 A1 AT 216591 T AU 766597 B2 AU 3860099 A BR 9910505 A CA 2331823 A1 CN 1309568 T DE 69901321 D1 DE 69901321 T2 DK 956861 T3 EP 0956861 A1 ES 2172288 T3 HK 1021131 A1 HU 0103423 A2 JP 2002515453 T NO 20005755 A NZ 507621 A PT 956861 T SK 17102000 A3 WO 9959621 A1 US 6472373 B1	12-06-2002 15-05-2002 16-10-2003 06-12-1999 02-01-2001 25-11-1999 22-08-2001 29-05-2002 12-12-2002 01-07-2002 17-11-1999 16-09-2002 16-08-2002 28-01-2002 28-05-2002 12-01-2001 26-11-2002 30-08-2002 10-05-2001 25-11-1999 29-10-2002
JP 2002220343 A	09-08-2002	NONE	